

CLAIMS

I claim:

1. A system and method for capture and reproduction of real life events comprising of a sensing platform with one or more sensors, at least one reproduction platform with means for reproducing an action or actions captured by the sensing platform and a communication system for transferring the data from said sensing platform to said reproduction platform.
Said sensing platform actively participates in the event of interest by having a bi-directional interaction between the event and said sensing platform.
Said reproduction platform is positioned in a place where the event reproduction is wanted.
Said communication system transfers the data captured by said sensing platform to said reproduction platform.
2. A system according to claim 1 and wherein at least one of the sensors in said sensing platform is one of the following: a camera, a 3-D camera, a sound pickup device, a motion sensor, an acceleration sensor, a smell pickup device, a touch sensor.
3. A system according to claim 1 and wherein there is a buffer or data storage device in the data stream path to allow for a delay between the time the data is captured in said sensing platform and the time it is being used for reproduction of the event in said reproduction platform.
4. A system according to claim 1 and wherein there is a bi-directional data transfer between said sensing platform and said reproduction platform and wherein control commands and actions, captured in said reproduction platform

are transferred to said sensing platform to control or change one or more of said sensing platform's actions.

5. A system according to claim 1 and wherein said communication system is one of the following: wired, wireless, directly connects said sensing platform to said reproduction platform, uses commercial and other available network systems, uses the internet.
6. A system and method for capture and reproduction of real life events comprising of a sensing platform with one or more sensors, at least one reproduction platform with means for reproducing an action or actions captured by the sensing platform and a communication system for transferring data from said sensing platform to said reproduction platform.

Said sensing platform actively participates in the event of interest by having a bi-directional interaction between the event and said sensing platform.

Said sensing platform includes at least one of the following sensors: a motion sensor, an acceleration sensor, a smell pickup device or a touch sensor.

Said reproduction platform is positioned in a place where the event reproduction is wanted.

Said communication system transfers the data captured by said sensing platform to said reproduction platform.
7. A system according to claim 6 and wherein there is a buffer or data storage device in the data stream path to allow for a delay between the time that the data is captured in said sensing platform and the time it is being used for reproduction of the event in said reproduction platform.
8. A system according to claim 6 and wherein there is a bi-directional data transfer between said sensing platform and said reproduction platform and wherein control commands and actions captured in said reproduction platform

are transferred to said sensing platform to control or change one or more of said sensing platform's actions.

9. A system according to claim 6 and wherein said communication system is one of the following: wired, wireless, directly connects said sensing platform to said reproduction platform, uses commercial and other available network systems, uses the internet.
10. A system and method for capture and reproduction of real life events comprising of a sensing platform with one or more sensors, at least one reproduction platform with means for reproducing an action or actions captured by the sensing platform and a communication system for transferring data from said sensing platform to said reproduction platform.

Said sensing platform actively participates in the event of interest by having a bi-directional interaction between the event and said sensing platform.

Said reproduction platform is positioned in a place where the event reproduction is wanted.

Said reproduction platform consists of at least one reproduction means of the following: a smell reproduction device, a motion actuator, an actuator in an object to be touched, an actuator installed in a clothing item.

Said communication system transfers the data captured by said sensing platform to said reproduction platform.
11. A system according to claim 10 and wherein at least one of the reproduction means in said reproduction platform is one of the following: a display, a personal display device, a loudspeaker, headphones.
12. A system according to claim 10 and wherein there is a buffer or data storage device in the data stream path to allow for a delay between the time that the

data is captured in said sensing platform and the time it is being used for reproduction of the event in said reproduction platform.

13. A system according to claim 10 and wherein there is a bi-directional data transfer between said sensing platform and said reproduction platform and wherein control commands and actions captured in said reproduction platform are transferred to said sensing platform to control or change one or more of said sensing platform's actions.
14. A system according to claim 10 and wherein said communication system is one of the following: wired, wireless, directly connects said sensing platform to said reproduction platform, uses commercial and other available network systems, uses the internet, digital, analog.

09981068-101004